

Table 7 shows the length and lock dimensions of canals under the administration of the Department of Transport, as at the end of 1948.

7.—Length and Lock Dimensions of Canals under the control of the Department of Transport, 1948

Name	Location	Length of Canal	Locks			
			No.	Minimum Dimensions		
				Length	Width	Depth
		miles	ft.	ft.	ft.	
St. Lawrence—						
Lachine.....	Montreal to Lachine.....	8.74	5	270	45	14 ¹
Soulanges.....	Cascades Point to Coteau Landing..	14.67	5	280	46	15 ¹
Cornwall.....	Cornwall to Dickinsons Landing....	11.00	6	270	43-67	14 ¹
Farran Point.....	Farran Point Rapids.....	1.28	1	800	50	16 ¹
Rapide Plat.....	Morrisburg.....	3.89	2	270	45	14 ¹
Galop.....	Iroquois to Cardinal.....	7.36	3	270	45	14 ¹
Welland Ship.....	Port Weller, Lake Ontario, to Port Colborne, Lake Erie.....	27.60	8	859	80	30 ²
Sault Ste. Marie.....	Sault Ste. Marie, Ont.....	1.38	1	900	60	18-25
Richelieu River—						
St. Ours.....	St. Ours, Que.....	0.12	1	339	45	12
Chambly.....	Chambly to St. Johns, Que.....	11.78	9	120.5	23-25	6.5
Ottawa River—						
St. Anne.....	Junction of St. Lawrence and Ottawa Rivers.....	0.12	1	200	45	9
Carillon.....	Carillon Rapids, Ottawa River.....	0.94	2	200	45	9
Grenville.....	Long Sault Rapids, Ottawa River....	5.94	5	200	45	9
Miscellaneous—						
Rideau.....	Ottawa to Kingston.....	123.53	47	134	33	5.5
	Rideau Lake to Perth (Tay Branch)	6.82	2	134	33	5.5
Trent.....	Trenton to Peterborough Lock, Peterborough.....	88.74	18	175	33	8 ²
	Peterborough Lock to Swift Rapids.	135.71	24	134	33	6
	Swift Rapids to Big Chute ⁴	8.00	—	—	—	—
	Big Chute to Port Severn.....	8.11	1	100	25	6
	Sturgeon Lake to Lindsay (Scugog Branch).....	10.00	1	142	33	6
	Lindsay to Port Perry (Scugog Branch).....	25.00	—	—	—	—
Murray.....	Isthmus of Murray—Bay of Quinte..	7.53 ⁵	—	—	—	—
St. Peters.....	St. Peters Bay to Bras d'Or Lakes, Cape Breton, N.S.....	0.50	1	300	48	18 ⁶

¹ Navigable depths are occasionally less at times of extremely low water.

² Minimum depth

between locks 23 ft.

³ Notice must be given by vessels of more than 6 ft. 10 in. draught.

⁴ Marine railways in this section limit navigation to vessels 60 ft. long 13.5 ft. wide and 4.0 ft. draught.

⁵ Minimum depth of canal with Lake Ontario at elevation 244 ft. above sea-level is 9.5 ft.

⁶ The

depth of canal prism is 17 ft.

Canal Traffic.—The canals of Canada are open to the vessels and traffic of all nations upon equal terms and thus United States traffic constitutes an important part of the total carried through certain canals, especially the Welland Ship Canal. This is shown in Tables 8 and 10. More complete details of the traffic through canals may be found in the annual report "Canal Statistics" published by the Dominion Bureau of Statistics.